

U.S. Serial No. 10/662,739
Reply to Office Action of February 7, 2007

PATENT
450111-04806

IN THE SPECIFICATION

Please amend the Abstract as follows:

A method of reducing multiple access interference in a CDMA radio system uses a plurality of rake fingers to pre-process received signals but without demodulation or de-spreading. The outputs of the rake fingers are combined, normalised and then processed by an adaptive equaliser to recover orthogonality lost in transmission. The equaliser output is then subject to de-spreading and de-scrambling to recover the desired user signals. The equaliser is preferably adaptive order, the length being adapted in dependence upon the instantaneous signal to noise ratio.

Figure 3

Please amend paragraph [0032] as follows:

[0032] FIG. 2 is a functional block diagram of a conventional mobile terminal 110 for use with the cellular radio system of FIG. 1. The mobile terminal 110 includes a micro controller unit (MCU) 200, an RF transceiver 202, a digital signal processor (DSP) 20 203, and a user interface 204. The mobile terminal 110 may also include external interfaces (not shown) for communication with a computer, LAN, or other device.